1. Record Nr. UNINA9910337602703321

Titolo	Advances in Ergonomics in Design : Proceedings of the AHFE 2018 International Conference on Ergonomics in Design, July 21-25, 2018, Loews Sapphire Falls Resort at Universal Studios, Orlando, Florida, USA / / edited by Francisco Rebelo, Marcelo M. Soares
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-94706-0
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (621 pages)
Collana	Advances in Intelligent Systems and Computing, , 2194-5357 ; ; 777
Disciplina	620.82
Soggetti	Engineering design Graphic design User interfaces (Computer systems) Computer-aided engineering Engineering Design Interaction Design User Interfaces and Human Computer Interaction Computer-Aided Engineering (CAD, CAE) and Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book provides readers with a timely snapshot of ergonomics research and methods applied to the design, development and prototyping – as well as the evaluation, training and manufacturing – of products, systems and services. Combining theoretical contributions, case studies, and reports on technical interventions, it covers a wide range of topics in ergonomic design including: ecological design; educational and game design; cultural and ethical aspects in design; user research and human–computer interaction in design; as well as design for accessibility and extreme environments, and many others. The book particularly focuses on new technologies such as virtual reality, state-of-the-art methodologies in information design, and human–computer interfaces. Based on the AHFE 2018 International

Conference on Ergonomics in Design, held on July 21–25, 2018, in Orlando, Florida, USA, the book offers a timely guide for both researchers and design practitioners, including industrial designers, human–computer interaction and user experience researchers, production engineers and applied psychologists.